

### **In the Abstract**

After the claims, please insert the following Abstract on a separate page:

#### **ABSTRACT**

A cooled furnace wall comprises a furnace shell with an inner and an outer side and cooling plates lining the inner side of the furnace shell. Each of the cooling plates has a plate body and protruding connection pieces for supplying the cooling plate with a coolant. The furnace shell has connection openings therein for interconnecting the connection pieces of adjacent connection plates from the outer side of the furnace shell. At least one of the connection pieces is formed by a tube bend that protrudes from an edge face of the plate body and that has a connection end to extending through one of the connection openings in the furnace shell.